

## Spool File For Oracle Students Trained by Mr.Sathish Yellanki

---

SQL> cl scr

SQL> --WHERE ColumnName01 = Value01 AND ColumnName02 = Value02 --  
COMPONENT WHERE Clause

SQL> --WHERE (ColumnName01, ColumnName02) IN(SELECT ColumnName01,  
ColumnName02 --COMPOUND WHERE Clause OR Multi-Column Sub Query

SQL>

SQL> cl scr

SQL> SELECT ProdID, Qty  
2 FROM Item  
3 WHERE OrdID = 605  
4 /

PRODID	QTY
100861	100
100870	500
100890	5
101860	50
101863	100
102130	10

6 rows selected.

SQL> SELECT OrdID, ProdID, Qty  
2 FROM Item;

ORDID	PRODID	QTY
610	100890	1
611	100861	1
612	100860	100
601	200376	1
602	100870	20
604	100890	3
604	100861	2
604	100860	10
603	100860	4
610	100860	1
610	100870	3
613	200376	200
614	100860	444
614	100870	1000
612	100861	20
612	101863	150
620	100860	10

---

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ORDID	PRODID	QTY
620	200376	1000
620	102130	500
613	100871	100
613	101860	200
613	200380	150
619	102130	100
617	100860	50
617	100861	100
614	100871	1000
616	100861	10
616	100870	50
616	100890	2
616	102130	10
616	200376	10
619	200380	100
619	200376	100
615	100861	4

ORDID	PRODID	QTY
607	100871	1
615	100870	100
617	100870	500
617	100871	500
617	100890	500
617	101860	100
617	101863	200
617	102130	100
617	200376	200
617	200380	300
609	100870	5
609	100890	1
618	100860	23
618	100861	50
618	100870	10
621	100861	10
621	100870	100

ORDID	PRODID	QTY
615	100871	50
608	101860	1
608	100871	2
609	100861	1
606	102130	1
605	100861	100

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---

605	100870	500
605	100890	5
605	101860	50
605	101863	100
605	102130	10
612	100871	100
619	100871	50

64 rows selected.

SQL> SELECT DISTINCT OrdID FROM Item;

ORDID
604
606
614
619
605
607
608
620
610
609
613
616
603
611
615
612
621

ORDID
601
602
617
618

21 rows selected.

SQL> SELECT DISTINCT OrdID FROM Item WHERE OrdID <> 605;

ORDID
604
606
614

---

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619  
607  
608  
620  
610  
609  
613  
616  
603  
611  
615  
612  
621  
601

ORDID

602  
617  
618

20 rows selected.

```
SQL> SELECT OrdID, ProdID, Qty
2  FROM Item
3  WHERE (ProdID, Qty) IN
4  (
5  SELECT ProdId, Qty
6  FROM Item
7  WHERE OrdID = 605
8  ) AND
9  OrdID <> 605;
```

ORDID	PRODID	QTY
617	100861	100
617	100870	500
616	102130	10

```
SQL> SELECT ProdId, Qty
2  FROM Item
3  WHERE OrdID = 605;
```

PRODID	QTY
100861	100
100870	500
100890	5

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---

```
101860      50
101863     100
102130      10
```

6 rows selected.

```
SQL> SELECT ProdId, Qty
2   FROM Item
3  WHERE OrdID = 617;
```

PRODID	QTY
100860	50
100861	100
100870	500
100871	500
100890	500
101860	100
101863	200
102130	100
200376	200
200380	300

10 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT  OrdID, ProdID, Qty
2   FROM Item
3  WHERE ProdID IN
4   (
5    SELECT ProdID
6    FROM Item
7   WHERE OrdID = 605
8   )
9  AND Qty IN
10 (
11  SELECT Qty
12  FROM Item
13  WHERE OrdID = 605
14  )
15 AND OrdID <> 605
16
```

ORDID	PRODID	QTY
616	100861	10
621	100861	10

---

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```
618      100861      50
617      100861     100
618      100870      10
616      100870      50
609      100870       5
617      100870     500
615      100870     100
621      100870     100
617      100890     500
617      101860     100
616      102130      10
620      102130     500
619      102130     100
617      102130     100
```

16 rows selected.

SQL> cl scr

```
SQL> SELECT Deptno, MAX(Sal)
2  FROM Emp
3  GROUP BY Deptno
4  /
```

DEPTNO	MAX(SAL)
30	2850
20	3000
10	5000

```
SQL> SELECT Ename, Deptno, Sal
2  FROM Emp
3  WHERE (Deptno, Sal) IN
4  (
5  SELECT Deptno, MAX(Sal)
6  FROM Emp
7  GROUP BY Deptno
8  );
```

ENAME	DEPTNO	SAL
KING	10	5000
BLAKE	30	2850
FORD	20	3000
SCOTT	20	3000

```
SQL> SELECT Ename, Deptno, Sal
2  FROM Emp
```

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---

```
3 WHERE Deptno IN
4 (
5 SELECT Deptno
6 FROM Emp
7 GROUP BY Deptno
8 ) AND
9 Sal IN
10 (
11 SELECT MAX(Sal)
12 FROM Emp
13 GROUP BY Deptno
14 );
```

ENAME	DEPTNO	SAL
KING	10	5000
BLAKE	30	2850
FORD	20	3000
SCOTT	20	3000

```
SQL> INSERT INTO Emp(Empno, Ename, Deptno, Sal)
2 VALUES(7935, 'SURESH', 10, 2850);
```

1 row created.

```
SQL> INSERT INTO Emp(Empno, Ename, Deptno, Sal)
2 VALUES(7936, 'SUKESH', 10, 3000);
```

1 row created.

```
SQL> INSERT INTO Emp(Empno, Ename, Deptno, Sal)
2 VALUES(7937, 'SOMESH', 20, 2850);
```

1 row created.

```
SQL> SELECT Ename, Deptno, Sal
2 FROM Emp
3 WHERE (Deptno, Sal) IN
4 (
5 SELECT Deptno, MAX(Sal)
6 FROM Emp
7 GROUP BY Deptno
8 );
```

ENAME	DEPTNO	SAL
KING	10	5000
BLAKE	30	2850

---

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```
FORD                20                3000
SCOTT                20                3000
```

```
SQL> SELECT Ename, Deptno, Sal
  2  FROM Emp
  3  WHERE Deptno IN
  4      (
  5      SELECT Deptno
  6      FROM Emp
  7      GROUP BY Deptno
  8      ) AND
  9  Sal IN
 10      (
 11      SELECT MAX(Sal)
 12      FROM Emp
 13      GROUP BY Deptno
 14      );
```

ENAME	DEPTNO	SAL
KING	10	5000
BLAKE	30	2850
FORD	20	3000
SCOTT	20	3000
SURESH	10	2850
SUKESH	10	3000
SOMESH	20	2850

7 rows selected.

```
SQL> ROLLBACK;
```

Rollback complete.

```
SQL> cl scr
```

```
SQL> SELECT Ename, Deptno, Sal
  2  FROM Emp
  3  WHERE (Deptno, Sal) IN
  4      (
  5      SELECT Deptno, MIN(Sal)
  6      FROM Emp
  7      GROUP BY Deptno
  8      );
```

ENAME	DEPTNO	SAL
JAMES	30	950

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```
SMITH          20          800
MILLER         10         1300
```

```
SQL> SELECT Ename, Deptno, Sal
  2  FROM Emp
  3  WHERE Deptno IN
  4  (
  5    SELECT Deptno
  6    FROM Emp
  7    GROUP BY Deptno
  8  ) AND
  9  Sal IN
 10  (
 11    SELECT MIN(Sal)
 12    FROM Emp
 13    GROUP BY Deptno
 14  );
```

ENAME	DEPTNO	SAL
JAMES	30	950
SMITH	20	800
MILLER	10	1300

```
SQL> cl scr
```

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT Ename, Job, Sal
  2  FROM Emp
  3  WHERE (Job, Sal) IN
  4  (
  5    SELECT Job, MAX(Sal)
  6    FROM Emp
  7    GROUP BY Job
  8* )
SQL> /
```

ENAME	JOB	SAL
KING	PRESIDENT	5000
JONES	MANAGER	2975
ALLEN	SALESMAN	1600
FORD	ANALYST	3000
SCOTT	ANALYST	3000
MILLER	CLERK	1300

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---

6 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Job, Sal
2  FROM Emp
3  WHERE (Job, Sal) IN
4  (
5  SELECT Job, MIN(Sal)
6  FROM Emp
7  GROUP BY Job
8* )
SQL> /
```

ENAME	JOB	SAL
KING	PRESIDENT	5000
CLARK	MANAGER	2450
MARTIN	SALESMAN	1250
WARD	SALESMAN	1250
FORD	ANALYST	3000
SMITH	CLERK	800
SCOTT	ANALYST	3000

7 rows selected.

SQL> ED

Wrote file afiedt.buf

```
1  SELECT Ename, Job, Sal
2  FROM Emp
3  WHERE (Job, Sal) IN
4  (
5  SELECT Job, AVG(Sal)
6  FROM Emp
7  GROUP BY Job
8* )
SQL> /
```

ENAME	JOB	SAL
KING	PRESIDENT	5000
FORD	ANALYST	3000
SCOTT	ANALYST	3000

SQL> ED

Wrote file afiedt.buf

---

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---

```
1  SELECT Ename, Job, Sal
2  FROM Emp
3  WHERE (Job, Sal) IN
4  (
5  SELECT Job, SUM(Sal)
6  FROM Emp
7  GROUP BY Job
8* )
SQL> /
```

ENAME	JOB	SAL
KING	PRESIDENT	5000

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  TO_CHAR(HireDate, 'YYYY') Year,
4  Sal
5  FROM Emp
6  WHERE (TO_CHAR(HireDate, 'YYYY'), Sal) IN
7  (
8  SELECT TO_CHAR(HireDate, 'YYYY'), MAX(Sal)
9  FROM Emp
10 GROUP BY TO_CHAR(HireDate, 'YYYY')
11* )
SQL> /
```

ENAME	YEAR	SAL
KING	1981	5000
SMITH	1980	800
SCOTT	1982	3000
ADAMS	1983	1100

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  TO_CHAR(HireDate, 'YYYY') Year,
4  Sal
5  FROM Emp
6  WHERE (TO_CHAR(HireDate, 'YYYY'), Sal) IN
7  (
```

---

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```
8  SELECT TO_CHAR(HireDate, 'YYYY'), MIN(Sal)
9  FROM Emp
10 GROUP BY TO_CHAR(HireDate, 'YYYY')
11* )
SQL> /
```

ENAME	YEAR	SAL
JAMES	1981	950
SMITH	1980	800
ADAMS	1983	1100
MILLER	1982	1300

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  TO_CHAR(HireDate, 'Month') Month,
4  Sal
5  FROM Emp
6  WHERE (TO_CHAR(HireDate, 'Month'), Sal) IN
7  (
8  SELECT TO_CHAR(HireDate, 'Month'), MIN(Sal)
9  FROM Emp
10 GROUP BY TO_CHAR(HireDate, 'Month')
11* )
SQL> /
```

ENAME	MONTH	SAL
KING	November	5000
BLAKE	May	2850
CLARK	June	2450
JONES	April	2975
MARTIN	September	1250
WARD	February	1250
SMITH	December	800
ADAMS	January	1100

8 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  TO_CHAR(HireDate, 'Month') Month,
```

---

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---

```
4 Sal
5 FROM Emp
6 WHERE (TO_CHAR(HireDate, 'Month'), Sal) IN
7 (
8 SELECT TO_CHAR(HireDate, 'Month'), MAX(Sal)
9 FROM Emp
10 GROUP BY TO_CHAR(HireDate, 'Month')
11* )
SQL> /
```

ENAME	MONTH	SAL
KING	November	5000
BLAKE	May	2850
CLARK	June	2450
JONES	April	2975
ALLEN	February	1600
TURNER	September	1500
FORD	December	3000
SCOTT	December	3000
MILLER	January	1300

9 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 Ename,
3 TO_CHAR(HireDate, 'YYYY') Year,
4 TO_CHAR(HireDate, 'Month') Month,
5 Sal
6 FROM Emp
7 WHERE
8 (
9 TO_CHAR(HireDate, 'YYYY'),
10 TO_CHAR(HireDate, 'Month'),
11 Sal
12 ) IN
13 (
14 SELECT
15 TO_CHAR(HireDate, 'YYYY'),
16 TO_CHAR(HireDate, 'Month'),
17 MAX(Sal)
18 FROM Emp
19 GROUP BY TO_CHAR(HireDate, 'Month')
20* )
SQL> /
```

---

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---

```
TO_CHAR(HireDate, 'YYYY'),
*
ERROR at line 15:
ORA-00979: not a GROUP BY expression
```

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  TO_CHAR(HireDate, 'YYYY') Year,
4  TO_CHAR(HireDate, 'Month') Month,
5  Sal
6  FROM Emp
7  WHERE
8  (
9  TO_CHAR(HireDate, 'YYYY'),
10 TO_CHAR(HireDate, 'Month'),
11 Sal
12 ) IN
13 (
14 SELECT
15 TO_CHAR(HireDate, 'YYYY'),
16 TO_CHAR(HireDate, 'Month'),
17 MAX(Sal)
18 FROM Emp
19 GROUP BY TO_CHAR(HireDate, 'YYYY'), TO_CHAR(HireDate, 'Month')
20* )
SQL> /
```

ENAME	YEAR	MONTH	SAL
KING	1981	November	5000
BLAKE	1981	May	2850
CLARK	1981	June	2450
JONES	1981	April	2975
ALLEN	1981	February	1600
TURNER	1981	September	1500
FORD	1981	December	3000
SMITH	1980	December	800
SCOTT	1982	December	3000
ADAMS	1983	January	1100
MILLER	1982	January	1300

11 rows selected.

```
SQL> cl scr
```

---

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---

SQL> ROLLBACK;

Rollback complete.

SQL> cl cr

SP2-0158: unknown CLEAR option "cr"

SQL> cl scr

SQL> SELECT Empno, Ename, MGR  
2 FROM Emp;

EMPNO	ENAME	MGR
7839	KING	
7698	BLAKE	7839
7782	CLARK	7839
7566	JONES	7839
7654	MARTIN	7698
7499	ALLEN	7698
7844	TURNER	7698
7900	JAMES	7698
7521	WARD	7698
7902	FORD	7566
7369	SMITH	7902
7788	SCOTT	7566
7876	ADAMS	7788
7934	MILLER	7782

14 rows selected.

SQL> SELECT DISTINCT MGR FROM Emp;

MGR
7839
7782
7698
7902
7566
7788

7 rows selected.

SQL> ED

Wrote file afiedt.buf

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## Spool File For Oracle Students Trained by Mr.Sathish Yellanki

```
1 SELECT Empno, Ename, MGR
2 FROM Emp
3* WHERE MGR IN(7839, 7782, 7698, 7902, 7566, 7788)
SQL> /
```

EMPNO	ENAME	MGR
7698	BLAKE	7839
7782	CLARK	7839
7566	JONES	7839
7654	MARTIN	7698
7499	ALLEN	7698
7844	TURNER	7698
7900	JAMES	7698
7521	WARD	7698
7902	FORD	7566
7369	SMITH	7902
7788	SCOTT	7566
7876	ADAMS	7788
7934	MILLER	7782

13 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, MGR
2 FROM Emp
3* WHERE MGR IN(7839, 7782, 7698)
SQL> /
```

EMPNO	ENAME	MGR
7698	BLAKE	7839
7782	CLARK	7839
7566	JONES	7839
7654	MARTIN	7698
7499	ALLEN	7698
7844	TURNER	7698
7900	JAMES	7698
7521	WARD	7698
7934	MILLER	7782

9 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

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```
1 SELECT Empno, Ename, MGR
2 FROM Emp
3* WHERE MGR IN(7839, 7782, 7698, NULL)
SQL> /
```

EMPNO	ENAME	MGR
7698	BLAKE	7839
7782	CLARK	7839
7566	JONES	7839
7654	MARTIN	7698
7499	ALLEN	7698
7844	TURNER	7698
7900	JAMES	7698
7521	WARD	7698
7934	MILLER	7782

9 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, MGR
2 FROM Emp
3* WHERE MGR IN(7839, 7782, 7698)
SQL> /
```

EMPNO	ENAME	MGR
7698	BLAKE	7839
7782	CLARK	7839
7566	JONES	7839
7654	MARTIN	7698
7499	ALLEN	7698
7844	TURNER	7698
7900	JAMES	7698
7521	WARD	7698
7934	MILLER	7782

9 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Empno, Ename, MGR
2 FROM Emp
3* WHERE MGR NOT IN(7839, 7782, 7698)
SQL> /
```

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---

EMPNO	ENAME	MGR
7902	FORD	7566
7369	SMITH	7902
7788	SCOTT	7566
7876	ADAMS	7788

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT Empno, Ename, MGR
2  FROM Emp
3* WHERE MGR NOT IN(7839, 7782, 7698, NULL)
SQL> /
```

no rows selected

```
SQL> SELECT Empno, Ename, MGR
2  FROM Emp
3  WHERE Empno IN(7839, 7782, 7698, 7902, 7566, 7788);
```

EMPNO	ENAME	MGR
7566	JONES	7839
7698	BLAKE	7839
7782	CLARK	7839
7788	SCOTT	7566
7839	KING	
7902	FORD	7566

6 rows selected.

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT Empno, Ename, MGR
2  FROM Emp
3* WHERE Empno IN(7839, 7782, 7698)
SQL>
```

EMPNO	ENAME	MGR
7698	BLAKE	7839
7782	CLARK	7839
7839	KING	

SQL> ED

---

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---

Wrote file afiedt.buf

```
1  SELECT Empno, Ename, MGR
2  FROM Emp
3* WHERE Empno IN(7839, 7782, 7698, NULL)
SQL> /
```

EMPNO	ENAME	MGR
7698	BLAKE	7839
7782	CLARK	7839
7839	KING	

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT Empno, Ename, MGR
2  FROM Emp
3* WHERE Empno NOT IN(7839, 7782, 7698)
SQL> /
```

EMPNO	ENAME	MGR
7566	JONES	7839
7654	MARTIN	7698
7499	ALLEN	7698
7844	TURNER	7698
7900	JAMES	7698
7521	WARD	7698
7902	FORD	7566
7369	SMITH	7902
7788	SCOTT	7566
7876	ADAMS	7788
7934	MILLER	7782

11 rows selected.

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT Empno, Ename, MGR
2  FROM Emp
3* WHERE Empno NOT IN(7839, 7782, 7698, NULL)
SQL> /
```

no rows selected

SQL> cl scr

---

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---

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT Ename, Sal, Comm
  2* FROM Emp
SQL> /
```

ENAME	SAL	COMM
KING	5000	
BLAKE	2850	
CLARK	2450	
JONES	2975	
MARTIN	1250	1400
ALLEN	1600	300
TURNER	1500	0
JAMES	950	
WARD	1250	500
FORD	3000	
SMITH	800	
SCOTT	3000	
ADAMS	1100	
MILLER	1300	

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT Ename, Sal, Comm
  2  FROM Emp
  3* WHERE Comm IN(1400, 300, 0, 500)
SQL> /
```

ENAME	SAL	COMM
MARTIN	1250	1400
ALLEN	1600	300
TURNER	1500	0
WARD	1250	500

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT Ename, Sal, Comm
  2  FROM Emp
  3* WHERE Comm IN(1400, 300)
```

---

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---

SQL> /

ENAME	SAL	COMM
MARTIN	1250	1400
ALLEN	1600	300

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Ename, Sal, Comm
2 FROM Emp
3* WHERE Comm NOT IN(1400, 300)
```

SQL> /

ENAME	SAL	COMM
TURNER	1500	0
WARD	1250	500

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Ename, Sal, Comm
2 FROM Emp
3* WHERE Comm IN(1400, 300, NULL)
```

SQL> /

ENAME	SAL	COMM
MARTIN	1250	1400
ALLEN	1600	300

SQL> ED

Wrote file afiedt.buf

```
1 SELECT Ename, Sal, Comm
2 FROM Emp
3* WHERE Comm NOT IN(1400, 300, NULL)
```

SQL>

no rows selected

SQL> cl scr

```
SQL> SELECT E.Ename
2 FROM Emp E
3 WHERE E.Empno IN
```

---

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---

```
4  (  
5  SELECT M.Mgr  
6  FROM Emp M  
7  );
```

ENAME

-----  
KING  
BLAKE  
JONES  
FORD  
SCOTT  
CLARK

6 rows selected.

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT E.Ename  
2  FROM Emp E  
3  WHERE E.Empno NOT IN  
4  (  
5  SELECT M.Mgr  
6  FROM Emp M  
7* )  
SQL> /
```

no rows selected

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT E.Ename  
2  FROM Emp E  
3  WHERE E.Empno NOT IN  
4  (  
5  SELECT NVL(M.Mgr, 0)  
6  FROM Emp M  
7* )  
SQL> /
```

ENAME

-----  
TURNER  
WARD  
MARTIN  
ALLEN

---

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---

MILLER  
SMITH  
ADAMS  
JAMES

8 rows selected.

SQL> ED  
Wrote file afiedt.buf

```
1  SELECT E.Ename
2  FROM Emp E
3  WHERE E.Empno NOT IN
4    (
5    SELECT M.Mgr
6    FROM Emp M
7    WHERE MGR IS NOT NULL
8* )
SQL> /
```

ENAME

-----  
TURNER  
WARD  
MARTIN  
ALLEN  
MILLER  
SMITH  
ADAMS  
JAMES

8 rows selected.

SQL> cl scr

```
SQL> SELECT Ename, Sal, Comm
2  FROM Emp
3  WHERE Comm IS NOT NULL;
```

ENAME	SAL	COMM
MARTIN	1250	1400
ALLEN	1600	300
TURNER	1500	0
WARD	1250	500

SQL> ED  
Wrote file afiedt.buf

---

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---

```
1  SELECT Ename, Sal, Comm
2  FROM Emp
3* WHERE Comm IS NULL
SQL> /
```

ENAME	SAL	COMM
KING	5000	
BLAKE	2850	
CLARK	2450	
JONES	2975	
JAMES	950	
FORD	3000	
SMITH	800	
SCOTT	3000	
ADAMS	1100	
MILLER	1300	

10 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Ename, Sal, Comm
2  FROM Emp
3  WHERE Comm IN
4  (
5  SELECT Comm
6  FROM Emp
7* )
SQL> /
```

ENAME	SAL	COMM
MARTIN	1250	1400
ALLEN	1600	300
TURNER	1500	0
WARD	1250	500

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT Ename, Sal, Comm
2  FROM Emp
3  WHERE Comm NOT IN
4  (
5  SELECT Comm
```

---

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---

```
6 FROM Emp
7* )
SQL> /
```

no rows selected

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Ename, Sal, Comm
2 FROM Emp
3 WHERE Comm NOT IN
4 (
5 SELECT Comm
6 FROM Emp
7 WHERE Comm IS NOT NULL
8* )
SQL> /
```

no rows selected

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT Ename, Sal, Comm
2 FROM Emp
3 WHERE Comm NOT IN
4 (
5 SELECT NVL(Comm, 0)
6 FROM Emp
7* )
SQL> /
```

no rows selected

```
SQL> SPOOL OFF
```

---

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